

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method, comprising:

receiving data corresponding to an electronic ink annotation of an electronic document;

parsing at least a first portion of a base portion of the electronic document;

creating a first context node associated with the first portion of the base portion of the electronic document, wherein the first context node includes information identified during the parsing of the first portion;

parsing at least an electronic ink annotation and associating the electronic ink annotation with the first base portion;

creating a second context node associated with the electronic ink annotation to the base portion, wherein the second context node includes information identified during the parsing of the annotation, wherein the annotation includes electronic ink data, and wherein the first context node and the second context node are arranged in a single hierarchical data structure representing data associated with the electronic document; and

storing a link associating the second context node with the first context node.

2. (Original) A method according to claim 1, wherein the first context node includes a member selected from the group of: a paragraph node, a line node, a word node, and a drawing node.

3. (Original) A method according to claim 1, wherein the first context node includes a member selected from the group of: a group node, a paragraph node, a line node, an ink word node, an electronic drawing node, an ink drawing node, a list node, a list item node, an electronic bullet node, an ink bullet node, an electronic text word node, an image node, a table node, a row node, and a cell node.

4. (Original) A method according to claim 3, wherein the second context node is selected from the group of: an unclassified ink node, a group node, a paragraph node, a line node, an ink

word node, an ink drawing node, a list node, a list item node, an ink bullet node, a table node, a row node, and a cell node.

5. (Canceled).

6. (Previously Presented) A method according to claim 1, wherein the base portion includes at least one of electronic text, an image, a table, a list, a graph, a spreadsheet, a chart, or a drawing.

7-8. (Canceled).

9. (Currently Amended) A method according to claim 1, wherein prior to parsing the electronic ink annotation, the annotation includes at least one unclassified ink node.

10. (Currently Amended) A method according to claim 1, further comprising:

rendering the first base-portion and the electronic ink annotation, wherein the electronic ink annotation is located at a first position with respect to the first base-portion;

changing data associated with the first base-portion such that a location associated with the first context node changes to a second position; and

rendering the electronic ink annotation and the first base-portion with the changed data, wherein the electronic ink annotation is rendered at a third position with respect to the first base portion at least in part based on the second position of the first context node.

11. (Canceled).

12. (Previously Presented) A method according to claim 1, wherein the first context node and the second context node share at least one common parent node.

13. (Currently Amended) A method according to claim 1, wherein data associated with the first context node and the second context node enable the electronic document to be rendered such that the electronic ink annotation contains the first portion of the base document.

14. (Currently Amended) A method according to claim 1, wherein data associated with the first context node and the second context node enable the electronic document to be rendered such that the electronic ink annotation underlines the first portion of the base document.

15. (Currently Amended) A method according to claim 1, wherein data associated with the first context node and the second context node enable the electronic document to be rendered such that the electronic ink annotation strikes out the first portion of the base document.

16. (Currently Amended) A method according to claim 1, wherein data associated with the first context node and the second context node enable the electronic document to be rendered such that a first region portion of the electronic ink annotation points between a second region portion of the electronic ink annotation and the first portion of the base document.

17. (Currently Amended) A computer-readable medium including computer-executable instructions stored on a computer storage media, the instructions when executed thereon for performing the method of claim 1.

18-33. (Canceled).

34. (Currently Amended) A system, comprising:
an input for receiving electronic ink input data in an electronic document; and
a processor programmed and adapted to:
receive data corresponding to an electronic ink annotation of the electronic document;
(a) parse at least a first portion of a base portion of the electronic document;

- | (b) create a first context node associated with the first portion of the base portion of the electronic document, wherein the first context node includes information identified during the parsing of the first portion;
- | (c) parse an the electronic ink annotation and associate the electronic ink annotation with to the first base portion;
- | (d) create a second context node associated with the electronic ink annotation to the base portion, wherein the second context node includes information identified during the parsing of the annotation, wherein the annotation includes electronic ink data, and wherein the first context node and the second context node are arranged in a single hierarchical data structure representing data associated with the electronic document, and
- | (e) store a link associating the second context node with the first context node.

35. (Original) A system according to claim 34, wherein the first context node includes a member selected from the group of: a paragraph node, a line node, a word node, and a drawing node.

36. (Original) A system according to claim 34, wherein the first context node includes a member selected from the group of: a group node, a paragraph node, a line node, an ink word node, an electronic drawing node, an ink drawing node, a list node, a list item node, an electronic bullet node, an ink bullet node, an electronic text word node, an image node, a table node, a row node, and a cell node.

37. (Original) A system according to claim 36, wherein the second context node is selected from the group of: an unclassified ink node, a group node, a paragraph node, a line node, an ink word node, an ink drawing node, a list node, a list item node, an ink bullet node, a table node, a row node, and a cell node.

38. (Canceled).

39. (Previously Presented) A system according to claim 34, wherein the base portion includes at least one of electronic text, an image, a table, a list, a graph, a spreadsheet, a chart, or a drawing.

40-41. (Canceled).

42. (Currently Amended) A system according to claim 34, wherein prior to parsing the electronic ink annotation, the annotation includes at least one unclassified ink node.

43. (Currently Amended) A system according to claim 34, wherein the processor is further programmed and adapted to:

 (f) render the base portion and the electronic ink annotation, wherein the annotation is located at a first position with respect to the first base portion,

 (g) receive input indicating a change in data associated with the first base portion such that a location associated with the first context node changes to a second position, and

 (h) render the electronic ink annotation and the first base portion with the changed data, wherein the annotation is rendered at a third position with respect to the first base portion at least in part based on the second position of the first context node.

44. (Canceled).

45. (Original) A system according to claim 34, wherein the first context node and the second context node share at least one common parent node.

46. (Currently Amended) A system according to claim 34, wherein data associated with the first context node and the second context node enable the electronic document to be rendered such that the electronic ink annotation contains the first portion of the base document.

47. (Currently Amended) A system according to claim 34, wherein data associated with the first context node and the second context node enable the electronic document to be rendered such that the electronic ink annotation underlines the first portion of the base document.

48. (Currently Amended) A system according to claim 34, wherein data associated with the first context node and the second context node enable the electronic document to be rendered such that the electronic ink annotation strikes out the first portion of the base document.

49. (Currently Amended) A system according to claim 34, wherein data associated with the first context node and the second context node enable the electronic document to be rendered such that a first region portion of the electronic ink annotation points between a second region portion of the electronic ink annotation and the first portion of the base document.

50-65. (Canceled).

66. (New) A method according to claim 1, wherein the first portion corresponds to one or more words of typewritten text in the electronic document, and wherein the annotation is an electronic ink annotation of the one or more words of typewritten text.

67. (New) A system according to claim 34, wherein the first portion corresponds to one or more words of typewritten text in the electronic document, and wherein the annotation is an electronic ink annotation of the one or more words of typewritten text.

68. (New) A method according to claim 1, wherein the first portion corresponds to an electronic ink drawing in the electronic document, and wherein the annotation is an electronic ink annotation of the electronic ink drawing.

69. (New) A system according to claim 34, wherein the first portion corresponds to an electronic ink drawing in the electronic document, and wherein the annotation is an electronic ink annotation of the electronic ink drawing.